

MAY 30 2006

# FAX COVER SHEET



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Attention: Examiner: Marcos L Torres

Supervisory Examiner: George Eng

UNITED STATES PATENT AND TRADEMARK  
OFFICE

Fax: (571) 273-8300

Examiner: Marcos L Torres

Phone: (571) 272-7926

Supervisory Examiner: George Eng

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Pages: Cover +1+ 11 = 13

Date: May 30, 2006

*Certificate of Transmission*

From: Georgann S. Grunebach  
Assistant General Counsel DIRECTV

Fax: (310) 964-0941

Phone: (310) 964-4615

**Certification of Facsimile Transmission UNDER 37 CFR 1.8**

I hereby certify that the correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 30, 2006.

  
Georgann S. Grunebach, Reg. No. 33,179

May 30, 2006  
Date

Attention: Examiner Torres

Please find attached Re: 09/858,387

- > Amendment After Final Transmittal
- > Amendment Response under §1.116 to Office Letter of April 4, 2006

**PLEASE CONFIRM RECEIPT OF THIS FACSIMILE**

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

MAY 30 2006

PATENT  
Docket No. PD-201006A  
CUSTOMER NO.: 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of: Donald C.D. Chang, et al.  
 Serial No.: 09/858,387  
 Filed: May 15, 2001  
 For: COMMUNICATION SYSTEM FOR MOBILE USERS  
 USING ADAPTIVE ANTENNAS

Date: May 30, 2006  
 Group Art Unit: 2683  
 Examiner: Torres, Marcos L.

TRANSMITTAL LETTER FOR AMENDMENT UNDER 37 CFR § 1.116

Mail Stop AF  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir: Transmitted herewith is an amendment in the above-identified application.

Applicant petitions for an extension of time for months(s) to respond to the Office Action dated \_\_\_\_\_ . If an additional extension of time is required, please consider this a petition therefor.

Fee \$ \_\_\_\_\_  
 An extension for \_\_\_\_\_ months(s) has already been secured; the fee paid therefor of \_\_\_\_\_  
 is deducted from the total fee due for the total months of extension now requested. \$ \_\_\_\_\_  
 Extension fee due with this request \$ \_\_\_\_\_

☒ Applicant believes that no extension of time is required to respond to the Office Action dated April 4, 2006. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

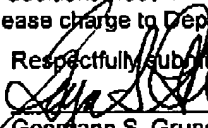
☒ No additional fee for claims is required.

☒ The claims have been calculated as shown below:

CLAIMS AS AMENDED										
CLAIMS REMAINING AFTER AMENDMENT			HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE		ADDITIONAL FEE	
TOTAL CLAIMS			21	minus	22*	=	0	x	\$ 50.00	\$0
NDEPENDENT CLAIMS			3	minus	3**	=	0	x	\$ 200.00	\$0
MULTIPLE DEPENDENT CLAIMS								+	\$ 360.00	\$0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:										\$0

Charge \$000.00 to Deposit Account No. 50-0383 of The DIRECTV Group, Inc. (formally Hughes Electronics Corporation), El Segundo, California. Please charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee is required, please charge to Deposit Account No. 50-0383.

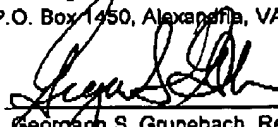
Respectfully submitted,

  
 Georgann S. Grunebach, Reg. No. 33,179  
 Attorney for Applicants

## CERTIFICATION UNDER 37 CFR 1.8

I hereby certify that the correspondence identified above is being facsimile transmitted to (571) 273-8300 on May 30, 2006, and is addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

THE DIRECTV GROUP, INC.  
 Patent Docket Administration  
 Bldg. R11, M/S A109  
 P.O. Box 956  
 El Segundo, CA 90245  
 Telephone: 310/964.4615  
 Date: May 30, 2006

  
 Georgann S. Grunebach, Reg. No. 33,179  
 (Printed Name of Depositor)

May 30, 2006  
 (Date of Signature)

\* If less than 3, insert 3  
 \*\* If less than 20, insert 20

MAY 30 2006

Certification under 37 CFR 1.10

I hereby certify that this correspondence is being facsimile transmitted to 571-273-8300 (Centralized Facsimile Number), addressed to: Mail Stop AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on May 30, 2006 (date of facsimile transmission) by Georgann S. Grunebach (Name of Registered Representative)

  
\_\_\_\_\_  
Georgann Grunebach, Reg. No. 33,179

(Signature)

May 30, 2006 (Date of Signature)

**Customer Number 020991**

**PATENT**  
**Docket No. PD-201006A**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:

Donald C. D. Chang, et al.

Serial No. 09/858,387

Group Art Unit: 2683

Filed: May 15, 2001

Examiner: Torres, Marcos L.

For: COMMUNICATION SYSTEM FOR MOBILE USERS  
USING ADAPTIVE ANTENNAS

**AMENDMENT AFTER FINAL UNDER 37 C.F.R. §1.116**

Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action dated April 4, 2006, please enter the following amendments and remarks.